Annual average concentration of Particulate Matter (PM2.5), by County and Year, Maine, 2001, 2006, 2008

	Micrograms per cubic	Micrograms per cubic	Micrograms per cubic	Micrograms per cubic	Micrograms per cubic
County	meter	meter	meter	meter	meter
	(Monitors Only, 2001)	(Monitors/Model^ 2001)	(Monitors Only, 2006)	(Monitors/Model^ 2006)	(Monitors Only, 2008)
Androscoggin	11.3	10.3	8.9	9.0	8.6
Aroostook	11.4	8.9	9.8	8.3	NA
Cumberland	12.0	10.7	10.7	9.4	NA
Franklin	NA	6.7	NA	6.7	NA
Hancock	6.6	6.9	5.1	6.5	4.8
Kennebec	11.3	9.6	9.7	8.7	8.0
Knox	7.6	7.9	NA	7.8	NA
Lincoln	NA	8.7	NA	8.6	NA
Oxford	NA	8.3	10.6	8.0	8.5
Penobscot	10.2	9.5	8.5	8.1	7.8
Piscataquis	NA	6.6	NA	6.5	5.7
Sagadahoc	NA	8.7	NA	8.6	NA
Somerset	NA	7.6	NA	7.5	NA
Waldo	NA	8.1	NA	7.7	NA
Washington	NA	5.4	NA	5.3	NA
York	10.0	10.1	NA	9.4	NA

Data source: Maine Environmental Public health tracking Network, accessed 4/2012. The original data were obtained from the Environmental Protection Agency's (EPA's) Air Quality System (AQS) database, which contains ambient air pollution data collected by EPA and by state, local, and tribal air pollution control agencies. Indicator measures were computed by EPA staff in collaboration with a workgroup of staff from the US Center for Disease Control (CDC) and state and city public health departments.

The annual average PM2.5 National Ambient Air Quality Standard (NAAQS) is 15.0 micrograms per cubic meter.

For details on standards and averaging periods, please see http://www.epa.gov/air/particlepollution/standards.html .

"Monitors Only" measures are calculated for areas with monitors that pass a completeness criterion. Data completeness for each monitor was based on the availability of samples for a certain number of days during each calendar quarter.

The "Monitors/Model" data source uses Hierarchical Bayesian (HB) modeled predictions for areas and days without monitoring data, along with Air Quality System (AQS) data for areas and days with monitoring data. HB modeled data are generated through statistical fusion of AQS monitor and Community Multiscale Air Quality (CMAQ) model-predicted concentration values.

NA= Not available - these locationshave no data for the specified year.

[^] Monitors/Model data are only available for 2006.